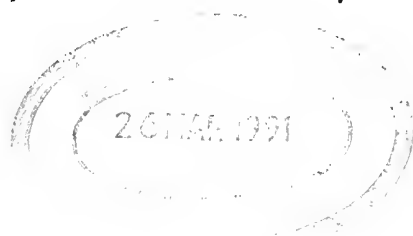
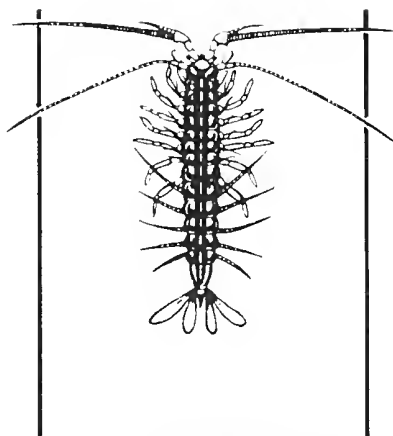
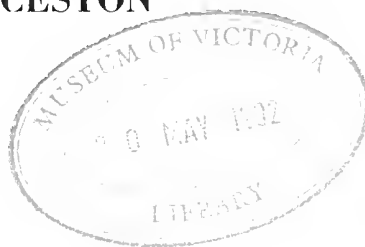


RECORDS OF THE
QUEEN VICTORIA MUSEUM
LAUNCESTON



MUSEUM OF VICTORIA



03748

Edited by
C. B. TASSELL
Director of the Museum

A LIST OF LICE (INSECTA: PHTHIRAPTERA) RECORDED FROM TASMANIA

R.H. GREEN

Queen Victoria Museum and Art Gallery, Launceston, Tasmania, Australia

and

R.L. PALMA

National Museum of New Zealand, Wellington, New Zealand

Manuscript received 5/6/90

Manuscript published 30/1/91

CONTENTS

Abstract	1
Introduction	3
Acknowledgements	3
Suborder Amblycera	4
Family Menoponidae	4
Family Boopidae	8
Family Laemobothriidae	10
Family Ricinidae	10
Suborder Ischnocera	10
Family Philopteridae	10
Suborder Anoplura	20
Family Hoplopleuridae	20
Family Polyplacidae	21
Family Haematopinidae	21
Family Linognathidae	21
Host-parasite List	22
Class Mammalia	22
Class Aves	24
References	42

ABSTRACT

Published and unpublished records of lice are listed from Tasmanian birds and mammals. These records comprise 171 lice species; a further 88 records are listed at generic level only, but all these do not necessarily represent separate species. A host-parasite list is given after the lice list.

INTRODUCTION

The senior author started collecting ectoparasites in the 1950's, from mammals and birds killed on roads and from other available sources. These were bulk preserved in alcohol and sent to J.H. Calaby (C.S.I.R.O., Canberra) who later provided information on their identity and taxonomic status. After being appointed zoologist at the Queen Victoria Museum on 1960, the opportunity was taken to salvage a greater range of material. This came from animals donated to the museum by members of the public and from animals collected in the course of field surveys and collecting trips undertaken by museum personnel. This material was broadly sorted, preserved in alcohol and sent to relevant authorities throughout the world for inclusion in their studies. Some specimens were donated to the determiner, who in return provided mounted and named material for the Queen Victoria Museum's collection. Eventually a considerable amount of parasite-host data was accumulated on the Tasmanian fauna and this was published by Green & Munday (1971). Subsequent collecting and publications have greatly expanded the available data on Tasmanian lice (Insecta: Phthiraptera) and this paper is the result of an attempt to bring it all together.

Several specialists kindly identified samples sent to them for study. Their contribution is greatly acknowledged, and a "pers. comm." with their names appears after each host from which they examined specimens. In addition to hitherto unpublished Tasmanian material represented in the collections of the Queen Victoria and the Tasmanian Museums, other published Tasmanian records are included in the list together with the references to their authorities, which are given after each host. Records which are considered to be the result of natural straggling, or contamination by human agency have not been included.

A host-parasite list is included as a cross reference. This exposes gaps such as the apparent absence of lice on some mammalian groups like the Phalangeridae, large Dasyuridae, Monotremata and Chiroptera. Though this may be the result of inadequate collecting, as is almost certainly the case with *Perameles gunnii* and some of the rodents and introduced mammals, it also introduces the possibility that some hosts might support rare and specialised fauna, where more intensive searching might be rewarding. Emerson & Price (1981: 3-8) summarise the mammalian hosts from which lice have been collected and are convinced that Phthiraptera (as Mallophaga) will not be found to occur on many species of several groups including the Monotremata and Chiroptera. They also stress the need for further knowledge of Phthiraptera-host relationships. There are also many gaps in the avian host list and here too, a great deal more collecting is needed to facilitate systematic studies, to further expand known host-parasite ranges, and to increase the present knowledge on the Tasmanian bird-lice fauna.

The nomenclature of the birds follows that given by Green (1989).

Records from Macquarie Island are not included in this paper as they are presently under review by others.

ACKNOWLEDGEMENTS

The authors thank Ms Nirinda Rice for her assistance in the preparation of this paper; and Miss Alison Green for the loan of specimens and for providing relevant data from the Tasmanian Museum's register of Phthiraptera.

Class INSECTA
Order PHTHIRAPTERA Haeckel, 1896
Suborder AMBLYCERA Kellogg, 1896
Family MENOPONIDAE Mjöberg, 1910

Genus **Actornithophilus** Ferris, 1916

A. grandiceps (Piaget, 1880)

ex *Haematopus fuliginosus* (det. R.L. Palma)

ex *Haematopus longirostris* (det. R.L. Palma)

A. hoplopteri (Mjöberg, 1910) sensu lato

ex *Vanellus miles*; (Green & Munday, 1971)

A. piceus (Denny, 1842) sensu lato

ex *Larus novaehollandiae* (pers. comm. Pilgrim)

A. umbrinus (Burmeister, 1838) sensu lato

ex *Calidris ruficollis* (det. R.L. Palma)

Genus **Amyrsidea** Ewing, 1927

A. minuta Emerson, 1961

ex *Pavo cristatus* (pers. comm. Clay)

Genus **Ancistrona** Westwood, 1874

Ancistrona sp.

ex *Fulmarus glacialisoides* (det. R.L. Palma)

ex *Pterodroma macroptera* (pers. comm. Clay)

ex *Pterodroma lessonii*; (Green & Munday, 1971)

ex *Pachyptila desolata* (pers. comm. Clay)

ex *Pachyptila turtur* (det. R.L. Palma)

Genus **Austromenopon** Bedford, 1939

A. aegialitidis (Durrant, 1906) sensu lato

ex *Vanellus miles* (pers. comm. Moreby)

A. atrofulvum (Piaget, 1880) sensu lato

ex *Sterna striata* (det. R.L. Palma)

ex *Sterna bergii* (pers. comm. Pilgrim)

A. brevifimbriatum (Piaget, 1880)

ex *Fulmarus glacialisoides* (pers. comm. Clay)

A. elliotti Timmermann, 1954

ex *Pelecanoides urinatrix* (det. R.L. Palma)

- A. enigki** Timmermann, 1963
ex *Pelagodroma marina* (det. R.L. Palma)
- A. navigans** (Kellogg, 1896)
ex *Diomedea melanophrys* (pers. comm. Clay)
- A. ossifragae** (Eichler, 1949)
ex *Macronectes giganteus* (det. R.L. Palma)
- A. paululum** (Kellogg & Chapman, 1899)
ex *Puffinus carneipes* (pers. comm. Pilgrim)
ex *Puffinus tenuirostris* (pers. comm. Clay)
ex *Puffinus gavia* (pers. comm. Clay)
- A. pinguis** (Kellogg, 1896)
ex *Diomedea cauta* (det. R.L. Palma)
- A. popellus** (Piaget, 1890) sensu lato
ex *Pterodroma macroptera* (pers. comm. Clay)
ex *Pterodroma lessonii* (pers. comm. Pilgrim)
ex *Pterodroma brevisrostris* (det. R.L. Palma)
- A. stammeri** Timmermann, 1963
ex *Halobaena caerulea* (det. R.L. Palma)
ex *Pachyptila vittata*; (Green & Munday, 1971)
ex *Pachyptila salvini*; (Green & Munday, 1971)
ex *Pachyptila belcheri*; (Green & Munday, 1971)
ex *Pachyptila turtur*; (Green & Munday, 1971)
- A. transversum** (Denny, 1842)
ex *Larus novaehollandiae*; (Green & Munday, 1971)

Genus **Colpocephalum** Nitzsch, 1818

- C. berigorae** Tendeiro, 1988
ex *Falco berigora*; (Tendeiro, 1988)
- C. eucarenum** Burmeister, 1838
ex *Pelecanus conspicillatus* (det. R.L. Palma)
- C. fregili** (Denny, 1842)
ex *Corvus tasmanicus*; (Green & Munday, 1971)
- C. impressum** Rudow, 1866
ex *Aquila audax* (det. R.L. Palma)
- C. zerafae** Ansari, 1955
ex *Accipiter novaehollandiae* (det. R.L. Palma)

Genus **Cuculiphilus** Uchida, 1926

- C. (Cuculiphilus) fasciatus** (Scopoli, 1763)
ex *Cuculus pallidus* (pers. comm. Clay)

Genus **Eidmanniella** K  ler, 1938

E. pellucida (Rudow, 1869)

ex *Leucocarbo fuscescens* (pers. comm. Moreby)

ex *Phalacrocorax carbo* (pers. comm. Emerson)

E. pustulosa (Nitzsch, 1866)

ex *Morus serrator*; (Green & Munday, 1971)

E. subrotunda (Piaget, 1880)

ex *Phalacrocorax sulcirostris* (pers. comm. Clay)

Genus **Eomenopon** Harrison, 1915

E. concinnae Price & Emerson, 1982

ex *Glossopsitta concinna*; (Price & Emerson, 1982)

Eomenopon sp.

ex *Lathamus discolor* (det. R.L. Palma)

Genus **Franciscoloa** Conci, 1942

F. funerei Price & Beer, 1966

ex *Calyptorhynchus funereus*; (Price & Beer, 1966)

F. pallida (Piaget, 1880)

ex *Cacatua galerita* (pers. comm. Emerson)

Genus **Heteromenopon** Carriker, 1954

H. (Keamenopon) psittacum (Le Sou  f & Bullen, 1902)

ex *Platycercus eximius*; (Price & Beer, 1967)

ex *Platycercus caledonicus* (det. R.L. Palma)

Genus **Holomenopon** Eichler, 1941

H. leucoxanthum (Burmeister, 1838)

ex *Anas platyrhynchos* (pers. comm. Kettle)

Genus **Kurodaia** Uchida, 1926

K. cryptostigmatia (Nitzsch, 1861)

ex *Ninox boobook* (pers. comm. Clay)

K. subpachygaster (Piaget, 1880)

ex *Tyto novaehollandiae*; (Green & Munday, 1971)

Genus **Longimenopon** Thompson, 1948

Longimenopon sp.

ex *Pachyptila turtur*; (Green & Munday, 1971)

Genus **Machaerilaemus** Harrison, 1915

M. malleus (Burmeister, 1838)

ex *Cecropis nigricans* (pers. comm. Emerson)

Genus **Menacanthus** Neumann, 1912

M. eurysternus (Burmeister, 1838)

ex *Pachycephala olivacea* (det. R.L. Palma)
 ex *Colluricincla harmonica* (pers. comm. Price)
 ex *Phylidonyris novaehollandiae* (pers. comm. Clay)
 ex *Sturnus vulgaris* (pers. comm. Clay)
 ex *Turdus merula* (det. R.L. Palma)
 ex *Melanodryas vittata* (det. R.L. Palma)
 ex *Zosterops lateralis* (det. R.L. Palma)

M. gonophaeus (Burmeister, 1838)

ex *Corvus tasmanicus* (det. R.L. Palma)

M. nelsoni Price, 1976

ex *Artamus cyanopterus*; (Price, 1976b)

Menacanthus sp.

ex *Coturnix ypsilophora*; (Green & Munday, 1971)
 ex *Melithreptus validirostris* (pers. comm. Klockenhoff)
 ex *Sericornis magnus* (det. R.L. Palma)

Genus **Myrsidea** Waterston, 1915

M. australiensis Klockenhoff, 1971

ex *Corvus tasmanicus*; (Klockenhoff, 1971)
 ex *Corvus mellori* (pers. comm. Clay)

M. pachycephalae Palma & Klockenhoff, 1988 sensu lato

ex *Pachycephala pectoralis*; (Palma & Klockenhoff, 1988)

M. strangeri Clay, 1970

ex *Malurus cyaneus*; (Green & Munday, 1971)

Myrsidea sp.

ex *Coracina novaehollandiae* (pers. comm. Clay)
 ex *Zoothera dauma*; (Green & Munday, 1971)
 ex *Pardalotus punctatus* (det. R.L. Palma)
 ex *Pachycephala olivacea* (det. R.L. Palma)
 ex *Colluricincla harmonica* (pers. comm. Clay)
 ex *Acanthiza pusilla* (pers. comm. Klockenhoff)
 ex *Acanthiza ewingii* (pers. comm. Klockenhoff)

ex *Manorina melanocephala* (pers. comm. Klockenhoff)
 ex *Lichenostomus flavicollis* (det. R.L. Palma)
 ex *Melithreptus validirostris*; (Green & Munday, 1971)
 ex *Melithreptus affinis* (det. R.L. Palma)
 ex *Phylidonyris novaehollandiae* (pers. comm. Clay)
 ex *Emblema bella* (pers. comm. Moreby)
 ex *Strepera fuliginosa*; (Green & Munday, 1971)

Genus **Nosopon** Hopkins, 1949

N. lucidum (Rudow, 1869)
 ex *Circus approximans*; (Green & Munday, 1971)

Genus **Pseudomenopon** Mjöberg, 1910

P. concretum (Piaget, 1880)
 ex *Porphyrio porphyrio*; (Green & Munday, 1971)

P. phoenicuri Price, 1974
Gallinula mortierii; (Price, 1974)

P. pilosum (Scopoli, 1763)
 ex *Fulica atra* (pers. comm. Emerson)

P. scopulacorne (Denny, 1842)
 ex *Dryolimnas pectoralis*; (Price, 1974)

***Pseudomenopon* sp.**
 ex *Porzana tabuensis* (pers. comm. Moreby)

Genus **Trinoton** Nitzsch, 1818

T. nigrum Le Souëf, 1902
 ex *Cygnus atratus* (pers. comm. Pilgrim)

T. querquedulae (Linnaeus, 1758)
 ex *Anas platyrhynchos* (pers. comm. Clay)

***Trinoton* sp.**
 ex *Malacorhynchus membranaceus* (pers. comm. Moreby.)
 ex *Chenonetta jubata* (det. R.L. Palma)

Family BOOPIIDAE Mjöberg, 1910

Genus **Boopia** Piaget, 1880

B. bettongia Le Souëf, 1902
 ex *Isododon obesulus* (pers. comm. Moreby)

B. greeni Clay, 1976ex *Antechinus swainsonii*; (Clay, 1976)ex *Antechinus minimus*; (Clay, 1976)**B. lukoschusi** Clay, 1976ex *Sminthopsis leucopus* (pers. comm. Clay)**B. tarsata** Piaget, 1880ex *Vombatus ursinus*; (Green & Munday, 1971)Genus **Heterodoxus** Le Souëf & Bullen, 1902**H. longitarsus** (Piaget, 1880)ex *Macropus rufogriseus* (pers. comm. Clay)**H. spiniger** (Enderlein, 1909)ex *Canis familiaris*; (Thompson, 1940)Genus **Latumcephalum** Le Souëf, 1902**L. greeni** Clay, 1974ex *Macropus rufogriseus*; (Clay, 1974)Genus **Macropophila** Mjöberg, 1919**M. clayae** Kéler, 1971ex *Thylogale billardieri*; (Kéler, 1971)ex *Macropus rufogriseus* (pers. comm. Clay)Genus **Paraheterodoxus** Harrison & Johnston, 1916**P. erinaceus** Kéler, 1971ex *Potorous tridactylus*; (Kéler, 1971)**Paraheterodoxus** sp.ex *Bettongia gaimardi*; (Green & Munday, 1971)Genus **Phacogalia** Mjöberg, 1919**P. brevispinosa** (Harrison & Johnston, 1916)ex *Antechinus swainsonii* (pers. comm. Clay)ex *Antechinus minimus*; (Kéler, 1971)

Family LAEMOBOTHRIDAE Mjöberg, 1910

Genus **Laemobothrion** Nitzsch, 1818

- L. maximum** (Scopoli, 1763)
ex *Circus approximans* (pers. comm. Clay)

Family RICINIDAE Neumann, 1890

Genus **Ricinus** De Geer, 1778

- R. mollisoni** Rheinwald, 1968
ex *Acanthiza ewingii*; (Rheinwald, 1968)
R. mugimaki (Uchida, 1915)
ex *Rhipidura fuliginosa*; (Green & Munday, 1971)

- Ricinus** sp.
ex *Lichenostomus flavicollis*; (Green & Munday, 1971)
ex *Petroica phoenicea* (det. R.L. Palma)

Suborder ISCHNOCERA Kellogg, 1896

Family PHILOPTERIDAE Burmeister, 1838

Genus **Alcedoecus** Clay & Meinertzhagen, 1939

- A. delphax** (Nitsch, 1866)
ex *Dacelo novaeguineae*; (Green & Munday, 1971)

Genus **Anaticola** Clay, 1935

- A. crassicornis** (Scopoli, 1763)
ex *Anas platyrhynchos* (pers. comm. Clay)

- Anaticola** sp.
ex *Malacorhynchus membranaceus* (pers. comm. Moreby)
ex *Aythya australis* (det. R.L. Palma)
ex *Chenonetta jubata* (det. R.L. Palma)

Genus **Anatoecus** Cummings, 1916

- A. dentatus** (Scopoli, 1763)
ex *Anas platyrhynchos* (pers. comm. Clay)
ex *Chenonetta jubata* (det. R.L. Palma)
A. icterodes (Nitzsch, 1818)
ex *Anas platyrhynchos* (pers. comm. Clay)

ex *Aythya australis* (det. R.L. Palma)

Anatoecus sp.

ex *Cygnus atratus* (pers. comm. Emerson)

ex *Malacorhynchus membranaceus* (pers. comm. Moreby)

Genus **Aquanirmus** Clay & Meinertzhagen, 1939

Aquanirmus sp.

ex *Polioccephalus poliocephalus* (det. R.L. Palma)

Genus **Ardeicola** Clay, 1935

A. expallidus Blagoveshtchensky, 1940

ex *Ardea ibis* (det. R.L. Palma)

A. pilgrimi Tandan, 1972

ex *Ardea novaehollandiae* (det. R.L. Palma)

A. stellaris (Denny, 1842)

ex *Botaurus poiciloptilus* (pers. comm. Clay)

Genus **Austrogoniodes** Harrison, 1915

A. concii (Kéler, 1952)

ex *Eudyptes pachyrhynchus* (pers. comm. Clay)

A. cristati Kéler, 1952

ex *Eudyptes chrysocome* (pers. comm. Clay)

ex *Eudyptes schlegeli* (pers. comm. Clay)

A. hamiltoni Harrison, 1937

ex *Eudyptes schlegeli* (det. R.L. Palma)

A. waterstoni (Cummings, 1914)

ex *Eudyptula minor*; (Green & Munday, 1971)

Genus **Bedfordiella** Thompson, 1937

B. unica Thompson, 1937

ex *Pterodroma brevirostris*; (Palma & Pilgrim, 1983)

Genus **Brueelia** Kéler, 1936

B. daumae (Clay, 1936)

ex *Zoothera dauma*; (Green & Munday, 1971)

B. nebulosa (Burmeister, 1838)

ex *Sturnus vulgaris* (pers. comm. Kettle)

***Brueelia* sp.**

- ex *Alauda arvensis* (pers. comm. Clay)
- ex *Melanodryas vittata* (pers. comm. Clay)
- ex *Pachycephala olivacea* (pers. comm. Clay)
- ex *Pachycephala pectoralis*; (Green & Munday, 1971)
- ex *Colluricincla harmonica* (pers. comm. Clay)
- ex *Cinclosoma punctatum*; (Green & Munday, 1971)
- ex *Malurus cyaneus*; (Green & Munday, 1971)
- ex *Anthochaera paradoxa*; (Green & Munday, 1971)
- ex *Manorina melanocephala* (det. R.L. Palma)
- ex *Melithreptus validirostris* (det. R.L. Palma)
- ex *Melithreptus affinis* (pers. comm. Clay)
- ex *Phylidonyris novaehollandiae* (pers. comm. Clay)
- ex *Emblema bella* (pers. comm. Moreby)
- ex *Strepera fuliginosa*; (Green & Munday, 1971)
- ex *Strepera versicolor* (pers. comm. Clay)

Genus ***Carduiceps*** Clay & Meinertzhagen, 1939***C. zonarius*** (Nitzsch, 1866) sensu lato

- ex *Calidris ruficollis* (det. R.L. Palma)

Genus ***Coloceras*** Taschenberg, 1882***C. chinense*** (Kellogg & Chapman, 1902) sensu lato

- ex *Streptopelia chinensis*; (Green & Munday, 1971)

***Coloceras* sp.**

- ex *Phaps chalcoptera*; (Green & Munday, 1971)
- ex *Phaps elegans* (pers. comm. Moreby)

Genus ***Columbicola*** Ewing, 1929***C. columbae*** (Linnaeus, 1758)

- ex *Columba livia* (pers. comm. Pilgrim)

C. tasmaniensis Tendeiro, 1967

- ex *Phaps chalcoptera*; (Green & Munday, 1971)
- ex *Phaps elegans*; (Tendeiro, 1967)

Genus ***Craspedorrhynchus*** Kéler, 1938***C. haematopus*** (Scopoli, 1763)

- ex *Accipiter fasciatus* (pers. comm. Emerson)

***Craspedorrhynchus* sp.**

- ex *Accipiter cirrhocephalus* (det. R.L. Palma)
- ex *Haliaeetus leucogaster*; (Green & Munday, 1971)
- ex *Aquila audax*; (Green & Munday, 1971)
- ex *Falco berigora*; (Green & Munday, 1971)

Genus **Cuclotogaster** Carriker, 1936

C. synoicus (Clay, 1938)

ex *Coturnix ypsilophora*; (Green & Munday, 1971)

Genus **Cuculicola** Clay & Meinertzhagen, 1939

Cuculicola sp.

ex *Cuculus pallidus* (det. R.L. Palma)

ex *Chrysococcyx flabelliformis* (det. R.L. Palma)

ex *Chrysococcyx lucidus* (pers. comm. Clay)

Genus **Cuculoecus** Ewing, 1926

Cuculoecus sp.

ex *Cuculus pallidus* (pers. comm. Emerson)

ex *Chrysococcyx lucidus* (pers. comm. Moreby)

Genus **Degeeriella** Neumann, 1906

D. elani Tendeiro, 1955

ex *Elanus notatus* (pers. comm. Clay)

D. fulva (Giebel, 1874)

ex *Accipiter fasciatus*; (Green & Munday, 1971)

D. fusca (Denny, 1842)

ex *Circus approximans*; (Green & Munday, 1971)

ex *Accipiter fasciatus* (det. R.L. Palma)

D. regalis (Giebel, 1866)

ex *Milvus sphenurus* (pers. comm. Moreby)

D. rufa (Burmeister, 1838)

ex *Falco berigora*; (Green & Munday, 1971)

Genus **Docophoroides** Giglioli, 1864

D. brevis (Dufour, 1835)

ex *Diomedea exulans*; (Green & Munday, 1971)

ex *Diomedea epomophora* (det. R.L. Palma)

D. harrisoni Waterston, 1917

ex *Diomedea cauta* (pers. comm. Clay)

D. murphyi (Kellogg, 1914)

ex *Macronectes giganteus* (pers. comm. Pilgrim)

D. simplex (Waterston, 1914)

ex *Diomedea melanophrys* (pers. comm. Clay)

Genus **Falcolipeurus** Bedford, 1931

F. suturalis (Rudow, 1869)

ex *Aquila audax*; (Green & Munday, 1971)

Genus **Forficuloecus** Conci, 1941

F. forficula (Piaget, 1871)

ex *Platycercus caledonicus* (pers. comm. Clay)

ex *Lathamus discolor* (det. R.L. Palma)

F. greeni Guimarães, 1985

ex *Neophema chrysostoma*; (Guimarães, 1985)

Genus **Fulicoffula** Clay & Meinertzhagen, 1938

F. lurida (Nitzsch, 1818)

ex *Fulica atra* (pers. comm. Emerson.)

Fulicoffula sp.

ex *Porzana tabuensis* (pers. comm. Clay)

ex *Gallinula mortierii* (pers. comm. Clay)

Genus **Goniodes** Nitzsch, 1818

G. pavonis (Linnaeus, 1758)

ex *Pavo cristatus* (pers. comm. Clay)

G. retractus Le Souëf, 1902

ex *Coturnix ypsilophora*; (Green & Munday, 1971)

Genus **Halipeurus** Thompson, 1936

H. (Halipeurus) diversus (Kellogg, 1896)

ex *Puffinus tenuirostris*; (Green & Munday, 1971)

H. (Halipeurus) falsus pacificus Edwards, 1961

ex *Pelecanoides urinatrix*; (Green & Munday, 1971)

H. (Synnautes) pelagicus (Denny, 1842) sensu lato

ex *Pelagodroma marina*; (Green & Munday, 1971)

H. (Halipeurus) procellariae (J.C. Fabricius, 1775)

ex *Pterodroma macroptera* (det. R.L. Palma)

ex *Pterodroma lessonii*; (Green & Munday, 1971)

H. (Halipeurus) spadix Timmermann, 1961

ex *Puffinus gavia* (pers. comm. Pilgrim)

Genus **Harrisoniella** Bedford, 1929

H. hopkinsi Eichler, 1952

ex *Diomedea exulans* (pers. comm. Clay)

ex *Diomedea epomophora* (pers. comm. Clay)

H. ferox (Giebel, 1867)

ex *Diomedea cauta*; (Palma & Pilgrim, 1984)

ex *Diomedea melanophrys*; (Palma & Pilgrim, 1984)

Genus **Incidifrons** Ewing, 1929

I. fulicae (Linnaeus, 1758)

ex *Fulica atra* (pers. comm. Emerson)

Genus **Lunaceps** Clay & Meinertzhagen, 1939

Lunaceps sp.

ex *Calidris ruficollis* (det. R.L. Palma)

ex *Calidris ferruginea* (det. R.L. Palma)

Genus **Naubates** Bedford, 1930

N. clypeatus (Giebel, 1874)

ex *Halobaena caerulea*; (Green & Munday, 1971)

N. heteroproctus Harrison, 1937

ex *Pterodroma macroptera* (det. R.L. Palma)

N. prioni (Enderlein, 1908)

ex *Pachyptila vittata*; Green & Munday, 1971

ex *Pachyptila salvini* (pers. comm. Clay)

ex *Pachyptila desolata* (pers. comm. Clay)

ex *Pachyptila belcheri*; Green & Munday

ex *Pachyptila turtur*; Green & Munday, 1971

N. pterodromi Bedford, 1930 (sensu Kéler, 1952)

ex *Pterodroma inexpectata* (det. R.L. Palma)

N. pterodromi sensu lato

ex *Pterodroma lessonii* (det. R.L. Palma)

Genus **Neopsittaconirmus** Conci, 1942

N. albus (Le Souëf & Bullen, 1902)

ex *Cacatua galerita* (pers. comm. Emerson)

N. borgioli Conci, 1942

ex *Calyptorhynchus funereus* (pers. comm. Emerson)

N. circumfasciatus (Piaget, 1880) sensu lato
ex *Platycercus caledonicus* (det. R.L. Palma)

Genus **Ornithobius** Denny, 1842

O. fuscus Le Souëf, 1902
ex *Cygnus atratus* (pers. comm. Emerson)

Genus **Paraclisis** Timmermann, 1965

P. diomedeeae (J.C. Fabricius, 1775)
ex *Diomedea chrysostoma* (pers. comm. Clay)
ex *Diomedea cauta* (pers. comm. Clay)

P. obscura (Rudow, 1869)
ex *Macronectes giganteus*; (Green & Munday, 1971)

Genus **Pectinopygus** Mjöberg, 1910

P. australis Thompson, 1948
ex *Pelecanus conspicillatus* (det. R.L. Palma)

P. bassani (O. Fabricius, 1780)
ex *Morus serrator*; (Green & Munday, 1971)

P. dispar (Piaget, 1880)
ex *Phalacrocorax melanoleucos*; (Clay, 1973)

P. gyricornis (Denny, 1842)
ex *Phalacrocorax carbo*; (Green & Munday, 1971)

P. kosswigi Timmermann, 1964
ex *Leucocarbo fuscescens*; (Timmermann, 1964)

P. setosus (Piaget, 1880)
ex *Phalacrocorax sulcirostris* (pers. comm. Clay)

Genus **Pelmatocerandra** Enderlein, 1908

P. setosa (Giebel, 1876)
ex *Pelecanoides urinatrix*; (Green & Munday, 1971)

Genus **Perineus** Thompson, 1936

P. circumfasciatus Kéler, 1957
ex *Diomedea cauta*; (Palma & Pilgrim, 1988)

P. concinnoides Kéler 1957
ex *Diomedea epomophora* (pers. comm. Clay)

P. nigrolimbatus (Giebel, 1874)

ex *Fulmarus glacialisoides*; (Palma & Pilgrim, 1988)

Genus ***Philoceanus*** Kellogg, 1903***P. garrodiae*** (Clay, 1940)

ex *Garrodia nereis* (pers. comm. Clay)

Genus ***Philopterus*** Nitzsch, 1818***Philopterus*** sp.

ex *Coracina novaehollandiae* (pers. comm. Clay)
ex *Anthus novaeseelandiae* (pers. comm. Clay)
ex *Hirundo neoxena* (pers. comm. Moreby)
ex *Zoothera dauma*; (Green & Munday, 1971)
ex *Turdus merula*; (Green & Munday, 1971)
ex *Colluricincla harmonica*; (Green & Munday, 1971)
ex *Petroica phoenicea* (det. R.L. Palma)
ex *Cinclosoma punctatum*; (Green & Munday, 1971)
ex *Pardalotus punctatus* (det. R.L. Palma)
ex *Malurus cyaneus* (pers. comm. Clay)
ex *Anthochaera paradoxa*; (Green & Munday, 1971)
ex *Manorina melanocephala* (det. R.L. Palma)
ex *Lichenostomus flavicollis* (det. R.L. Palma)
ex *Melithreptus validirostris*; (Green & Munday, 1971)
ex *Melithreptus affinis* (pers. comm. Clay)
ex *Phylidonyris novaehollandiae*; (Green & Munday, 1971)
ex *Phylidonyris pyrrhoptera* (det. R.L. Palma)
ex *Strepera fuliginosa*; (Green & Munday, 1971)
ex *Strepera versicolor*; (Green & Munday, 1971)
ex *Corvus tasmanicus*; (Green & Munday, 1971)

Genus ***Physconelloides*** Ewing, 1927***P. australiensis*** Tendeiro, 1969

ex *Phaps chalcoptera*; (Green & Munday, 1971)
ex *Phaps elegans* (pers. comm. Clay)

Genus ***Podargocercus*** Emerson & Price, 1966***P. strigoides*** Emerson & Price, 1966

ex *Podargus strigoides*; (Green & Munday, 1971)

P. tasmaniensis Price, 1976

ex *Aegotheles cristatus*; (Price, 1976a)

Genus ***Pseudonirmus*** Mjöberg, 1910***P. gurlti*** (Taschenberg, 1882)

ex *Daption capense* (det. R.L. Palma)

Genus **Psittaconirmus** Harrison, 1915

P. australis Harrison, 1915 sensu lato
ex *Glossopsitta concinna* (det. R.L. Palma)

Genus **Psittoecus** Conci, 1942

P. vanzolinii Guimarães, 1974
ex *Cacatua galerita* (pers. comm. Emerson)

P. mollisoni Guimarães, 1974
ex *Calyptorhynchus funereus*; (Guimarães, 1974)

Genus **Quadraceps** Clay & Meinertzhagen, 1939

Q. auratus (Haan, 1829)
ex *Haematopus fuliginosus* (det. R.L. Palma)
ex *Haematopus longirostris* (det. R.L. Palma)

Q. cucullatus Timmermann, 1955
ex *Charadrius rubricollis*; (Green & Munday, 1971)

Q. macrocephalus (Waterston, 1914) sensu lato
ex *Charadrius ruficapillus* (pers. comm. Clay)

Q. renschi Timmermann, 1954
ex *Vanellus miles*; (Green & Munday, 1971)

Q. ridgwayi (Kellogg, 1906)
ex *Haematopus fuliginosus* (det. R.L. Palma)
ex *Haematopus longirostris* (pers. comm. Clay)

Q. rubricollis Emerson & Price, 1985
ex *Charadrius rubricollis*; (Emerson & Price, 1985)

Q. sellatus (Burmeister, 1838)
ex *Sterna striata* (det. R.L. Palma)
ex *Sterna bergii* (det. R.L. Palma)

Genus **Rallicola** Johnston & Harrison, 1911

R. campbelli Emerson, 1964
ex *Gallinula mortierii*; (Green & Munday, 1971)

R. fulicae (Denny, 1842)
ex *Fulica atra* (pers. comm. Emerson)

R. lugens (Giebel, 1874)
ex *Porphyrio porphyrio*; (Green & Munday, 1971)

R. mortieri Emerson, 1964

ex *Gallinula mortierii*; (Green & Munday, 1971)

R. ortyometrae affinis (Piaget, 1880)

ex *Dryolimnas pectoralis* (pers. comm. Emerson)

R. tabuensis Emerson, 1966

ex *Porzana tabuensis* (pers. comm. Emerson)

Genus ***Saemundssonina*** Timmermann, 1936

S. (Saemundssonina) africana sycophanta Timmermann, 1962

ex *Vanellus miles*; (Green & Munday, 1971)

S. (Saemundssonina) bicolor (Rudow, 1870)

ex *Fulmarus glacialis* (det. R.L. Palma)

S. (Saemundssonina) desolata Timmermann, 1959

ex *Pachyptila vittata*; (Green & Munday, 1971)

ex *Pachyptila salvini*; (Green & Munday, 1971)

ex *Pachyptila belcheri* (pers. comm. Moreby)

S. (Saemundssonina) gaini (Neumann, 1913)

ex *Macronectes giganteus* (pers. comm. Moreby)

S. (Saemundssonina) haematopi (Linnaeus, 1758)

ex *Haematopus fuliginosus* (det. R.L. Palma)

ex *Haematopus longirostris* (det. R.L. Palma)

S. (Saemundssonina) lari (O. Fabricius, 1780) sensu lato

ex *Larus novaehollandiae*; (Green & Munday, 1971)

ex *Larus pacificus* (pers. comm. Clay)

S. (Saemundssonina) laticaudata (Rudow, 1869)

ex *Sterna bergii* (det. R.L. Palma)

S. (Saemundssonina) minitrans Timmermann, 1977

ex *Malacothynchus membranaceus*; (Timmermann, 1977)

S. (Saemundssonina) platygaster (Denny, 1842) sensu lato

ex *Charadrius bicinctus*; (Green & Munday, 1971)

S. (Saemundssonina) pterodromae Timmermann, 1959

ex *Halobaena caerulea* (det. R.L. Palma)

ex *Pterodroma brevirostris* (det. R.L. Palma)

S. (Saemundssonina) stammeri Timmermann, 1959

ex *Daption capense* (det. R.L. Palma)

S. (Saemundssonina) sterna (Linnaeus, 1758)

ex *Sterna striata* (det. R.L. Palma)

***Saemundssonina (Puffinoecus)* sp.**

ex *Pterodroma lessonii*; (Green & Munday, 1971)

Genus **Saussurites** Tendeiro, 1971

S. flavus elegans Tendeiro, 1978

ex *Phaps elegans*; (Tendeiro, 1978)

Genus **Strigiphilus** Mjöberg, 1910

S. aitkeni Clay, 1966

ex *Tyto alba* (pers. comm. Clay)

ex *Tyto novaehollandiae*; (Green & Munday, 1971)

S. vapidus Clay, 1977

ex *Ninox boobook*; (Clay, 1977)

Genus **Sturnidoecus** Eichler, 1944

S. sturni (Schrank, 1776)

ex *Sturnus vulgaris*; (Green & Munday, 1971)

Genus **Trabeculus** Rudow, 1866

T. hexakon (Waterston, 1914) sensu lato

ex *Puffinus tenuirostris*; (Green & Munday, 1971)

ex *Puffinus carneipes* (pers. comm. Pilgrim)

T. schillingi Rudow, 1866 sensu lato

ex *Pterodroma macroptera* (det. R.L. Palma)

ex *Pterodroma lessonii*; (Green & Munday, 1971)

ex *Pterodroma inexpectata* (det. R.L. Palma)

Genus **Turnicola** Clay & Meinertzhagen, 1938

***Turnicola* sp.**

ex *Turnix varia*; (Green & Munday, 1971)

Suborder ANOPLURA Leach, 1815
Family HOPLOPLEURIDAE Ewing, 1929

Genus **Hoplopleura** Enderlein, 1904

H. calabyi Johnson, 1960

ex *Pseudomys higginsii*; (Green & Munday, 1971)

- H. irritans* Kuhn & Ludwig, 1967
ex *Rattus lutreolus*; (Green & Munday, 1971)
- H. mastacomydis* Kuhn & Ludwig, 1967
ex *Mastacomys fuscus*; (Green & Munday, 1971)
- H. pacifica* Ewing, 1924
ex *Rattus rattus*; (Green & Munday, 1971)

Family POLYPLACIDAE Fahrenholz, 1912

Genus **Polyplax** Enderlein, 1904

- P. spinulosa* (Burmeister, 1839)
ex *Rattus lutreolus*; (Green & Munday, 1971)
ex *Rattus rattus*; (Green & Munday, 1971)
ex *Rattus norvegicus* (det. R.L. Palma)

Family HAEMATOPINIDAE Enderlein, 1904

Genus **Haematopinus** Leach, 1815

- H. suis* (Linnaeus, 1758)
ex *Sus scrofa*; (Johnston & Harrison, 1913)
- H. eurysternus* Denny, 1842
ex *Bos taurus*; (Johnston & Harrison, 1913)

Family LINOGNATHIDAE Enderlein, 1906

Genus **Linognathus** Enderlein, 1905

- L. vituli* (Linnaeus, 1758)
ex *Bos taurus*; (Johnston & Harrison, 1913)
- L. setosus* (Olfers, 1816)
ex *Canis familiaris*; (Thompson, 1940)

* * * * *

HOST-PARASITE LIST

Class MAMMALIA
Order MARSUPIALIA

Family MACROPODIDAE

Genus **Macropus** Shaw, 1794

M. rufogriseus (Desmarest, 1817) <i>Heterodoxus longitarsus</i> <i>Latumcephalum greeni</i> <i>Macropophila clayae</i>	Brush Kangaroo
--	----------------

Genus **Thylogale** Gray, 1837

T. billardieri (Desmarest, 1822) <i>Macropophila clayae</i>	Tasmanian Pademelon
---	---------------------

Genus **Bettongia** Gray, 1837

B. gaimardi (Desmarest, 1822) <i>Paraheterodoxus</i> sp.	Eastern Bettong
--	-----------------

Genus **Potorous** Desmarest, 1804

P. tridactylus (Kerr, 1792) <i>Paraheterodoxus erinaceus</i>	Long-nosed Potoroo
--	--------------------

Family VOMBATIDAE

Genus **Vombatus** E. Geoffroy, 1803

V. ursinus (Shaw, 1800) <i>Boopia tarsata</i>	Common Wombat
---	---------------

Family PERAMELIDAE

Genus **Isoodon** Desmarest, 1817

I. obesulus (Shaw, 1797) <i>Boopia bettongia</i>	Brown Bandicoot
--	-----------------

Family DASYURIDAE

Genus **Antechinus** Macleary, 1841

A. swainsonii (Waterhouse, 1840)

Boopia greeni

Phacogalia brevispinosa

Dusky Antechinus

A. minimus (Geoffroy, 1803)

Boopia greeni

Phacogalia brevispinosa

Swamp Antechinus

Genus **Sminthopsis** Thomas, 1887

S. leucopus (Gray, 1842)

Boopia lukoschusi

White-footed Dunnart

Order CARNIVORA**Family CANIDAE**

Genus **Canis** Linnaeus, 1758

C. familiaris Linnaeus, 1758

Heterodoxus spiniger

Linognathus setosus

Dog

Order ARTIODACTYLA**Family SUIDAE**

Genus **Sus** Linnaeus, 1758

S. scrofa Linnaeus, 1758

Haematopinus suis

Domestic and feral pig

Family BOVIDAE

Genus **Bos** Linnaeus, 1758

B. taurus Linnaeus, 1758

Haematopinus eurytarnus

Linognathus vituli

Cattle

Order RODENTIA

Family MURIDAE

Genus **Rattus** Fischer, 1803

- | | |
|--|-------------------|
| <i>R. lutreolus</i> (Gray, 1841) | Eastern Swamp-Rat |
| <i>Hoplopleura irritans</i> | |
| <i>Polyplax spinulosa</i> | |
| <i>R. rattus</i> (Linnaeus, 1758) | Ship Rat |
| <i>Hoplopleura pacifica</i> | |
| <i>Polyplax spinulosa</i> | |
| <i>R. norvegicus</i> (Berkenhout, 1769) | Norway Rat |
| <i>Polyplax spinulosa</i> | |

Genus **Mastacomys** Thomas, 1882

- | | |
|--------------------------------------|-------------------|
| <i>M. fuscus</i> Thomas, 1882 | Broad-toothed Rat |
| <i>Hoplopleura mastacomysidis</i> | |

Genus **Pseudomys** Gray, 1832

- | | |
|---|-----------------|
| <i>P. higginsii</i> (Trouessart, 1899) | Long-tailed Rat |
| <i>Hoplopleura calabyi</i> | |

Class AVES

Order SPHENISCIFORMES

Family SPHENISCIDAE

Genus **Eudyptes** Vieillot, 1816

- | | |
|---|--------------------|
| <i>E. chrysocome</i> (Forster, 1781) | Rockhopper Penguin |
| <i>Austrogoniodes cristati</i> | |
| <i>E. pachyrhynchus</i> Gray, 1845 | Fiordland Penguin |
| <i>Austrogoniodes concii</i> | |
| <i>E. schlegelii</i> Finsch, 1876 | Royal Penguin |
| <i>Austrogoniodes cristati</i> | |
| <i>Austrogoniodes hamiltoni</i> | |

Genus **Eudyptula** Bonaparte, 1856

- | | |
|--|----------------|
| <i>E. minor</i> (Forster, 1781) | Little Penguin |
| <i>Austrogoniodes waterstoni</i> | |

Order PODICIPEDIFORMES

Family PODICIPEDIDAE

Genus **Poliocephalus** Selby, 1840

P. poliocephalus (Jardine & Selby, 1827)

Aquanirmus sp.

Hoary-headed Grebe

Order PROCELLARIIFORMES

Family DIOMEDEIDAE

Genus **Diomedea** Linnaeus, 1758

D. exulans Linnaeus, 1758

Docophoroides brevis
Harrisoniella hopkinsi

Wandering Albatross

D. epomophora Lesson, 1825

Docophoroides brevis
Harrisoniella hopkinsi
Perineus concinnoides

Royal Albatross

D. melanophrys Temminck, 1828

Austromenopon navigans
Docophoroides simplex

Black-browed Albatross

D. chrysostoma Forster, 1785

Paraclisis diomedae

Grey-headed Albatross

D. cauta Gould, 1841

Austromenopon pinguis
Docophoroides harrisoni
Harrisoniella ferox
Paraclisis diomedae
Perineus circumfasciatus

Shy Albatross

Family PROCELLARIIDAE

Genus **Macronectes** Richmond, 1905

M. giganteus (Gmelin, 1789)

Austromenopon ossifragae
Docophoroides murphyi
Paraclisis obscura
Saemundssonina gaini

Southern Giant-Petrel

Genus **Fulmarus** Stephens, 1826

F. glacialis (Smith, 1840)

Ancistrana sp.

Southern Fulmar

Austromenopon brevifimbriatum
Perineus nigrolimbatus
Saemundssonina bicolor

Genus **Daption** Stephens, 1826

D. capense (Linnaeus, 1758)

Cape Petrel

Pseudonirmus gurlti
Saemundssonina stammeri

Genus **Pterodroma** Bonaparte, 1856

P. macroptera (Smith, 1840)

Great-winged Petrel

Ancistrana sp.
Austromenopon popellus
Halipeurus procellariae
Naubates heteroproctus
Trabeculus schillingi

P. lessonii (Garnot, 1826)

White-headed Petrel

Ancistrana sp.
Austromenopon popellus
Halipeurus procellariae
Naubates pterodromi sensu lato
Saemundssonina (Puffinoecus) sp.
Trabeculus schillingi

P. brevirostris (Lesson, 1833)

Kerguelen Petrel

Austromenopon popellus
Bedfordiella unica
Saemundssonina pterodromae

P. inexpectata (Forster, 1844)

Mottled Petrel

Naubates pterodromi
Trabeculus schillingi

Genus **Halobaena** Bonaparte, 1856

H. caerulea (Gmelin, 1789)

Blue Petrel

Austromenopon stammeri
Naubates clypeatus
Saemundssonina pterodromae

Genus **Pachyptila** Illiger, 1811

P. vittata (Gmelin, 1777)

Broad-billed Prion

Austromenopon stammeri
Naubates prioni
Saemundssonina desolata

P. salvini (Mathews, 1912)

Lesser Broad-billed Prion

Austromenopon stammeri

Naubates prioni
Saemundssonina desolata

P. desolata (Gmelin, 1789) Antarctic Prion

Ancistronea sp.
Naubates prioni

P. belcheri (Mathews, 1912) Slender-billed Prion

Austromenopon stammeri
Naubates prioni
Saemundssonina desolata

P. turtur (Kuhl, 1820) Fairy Prion

Ancistronea sp.
Austromenopon stammeri
Longimenopon sp.
Naubates prioni

Genus ***Puffinus*** Brisson, 1760

P. tenuirostris (Temminck, 1835) Short-tailed Shearwater

Austromenopon paululum
Halipeurus diversus
Trabeculus hexakon

P. gavia (Forster, 1844) Fluttering Shearwater

Austromenopon paululum
Halipeurus spadix

P. carneipes Gould, 1844 Flesh-footed Shearwater

Austromenopon paululum
Trabeculus hexakon

Family HYDROBATIDAE

Genus ***Garrodia*** Forbes, 1881

G. nereis (Gould, 1841) Grey-backed Storm-Petrel

Philoceanus garrodiae

Genus ***Pelagodroma*** Reichenbach, 1853

P. marina (Latham, 1790) White-faced Storm Petrel

Austromenopon enigki
Halipeurus (Synnautes) pelagicus

Family PELECANOIDIDAE

Genus ***Pelecanoides*** Lacépède, 1799

P. urinatrix (Gmelin, 1789) Common Diving-Petrel

Austromenopon elliotti

Halipeurus falsus pacificus
Pelmatocerandra setosa

Order PELECANIFORMES

Family PELECANIDAE

Genus **Pelecanus** Linnaeus, 1758

P. conspicillatus Temminck, 1824
Colpocephalum eucarenum
Pectinopygus australis

Australian Pelican

Family SULIDAE

Genus **Morus** Vieillot, 1816

M. serrator (Gray, 1843)
Eidmanniella pustulosa
Pectinopygus bassani

Australian Gannet

Family PHALACROCORACIDAE

Genus **Leucocarbo** Bonaparte, 1856

L. fuscescens (Vieillot, 1817)
Eidmanniella pellucida
Pectinopygus kosswigi

Black-faced Shag

Genus **Phalacrocorax** Brisson, 1760

P. melanoleucos (Vieillot, 1817)
Pectinopygus dispar

Little Pied Cormorant

P. carbo (Linnaeus, 1758)
Eidmanniella pellucida
Pectinopygus gyricornis

Great Cormorant

P. sulcirostris (Brandt, 1837)
Eidmanniella subrotunda
Pectinopygus setosus

Little Black Cormorant

Order CICONIIFORMES

Family ARDEIDAE

Genus **Ardea** Linnaeus, 1758

A. novaehollandiae Latham, 1790
Ardeicola pilgrimi

White-faced Heron

A. ibis (Linnaeus, 1758) Cattle Egret
Ardeicola expallidus

Genus **Botaurus** Stephens, 1819

B. poiciloptilus (Wagler, 1827) Australasian Bittern
Ardeicola stellaris

Order ANSERIFORMES

Family ANATIDAE

Genus **Cygnus** Bechstein, 1803

C. atratus (Latham, 1790) Black Swan
Trinoton nigrum
Anatoecus sp.
Ornithobius fuscus

Genus **Anas** Linnaeus, 1758

A. platyrhynchos Linnaeus, 1758 Mallard
Holomenopon leucoxanthum
Trinoton querquedulae
Anaticola crassicornis
Anatoecus dentatus
Anatoecus icterodes

Genus **Malacorhynchus** Swainson, 1831

M. membranaceus (Latham, 1801) Pink-eared Duck
Trinoton sp.
Anaticola sp.
Anatoecus sp.
Saemundssonina minitrans

Genus **Aythya** Boie, 1822

A. australis (Eyton, 1838) Hardhead
Anaticola sp.
Anatoecus icterodes

Genus **Chenonetta** Brandt, 1836

C. jubata (Latham, 1801) Maned Duck
Trinoton sp.
Anaticola sp.
Anatoecus dentatus

Order FALCONIFORMES

Family ACCIPITRIDAE

Genus **Elanus** Savigny, 1809

E. notatus Gould, 1838

Degeeriella elani

Black-shouldered Kite

Genus **Milvus** Lacépède, 1799

M. sphenurus (Viellot, 1818)

Degeeriella regalis

Whistling Kite

Genus **Accipiter** Brisson, 1760

A. fasciatus (Vigors & Horsfield, 1827)

Craspedorrhynchus haematopus

Degeeriella fulva

Degeeriella fusca

Brown Goshawk

A. novaehollandiae (Gmelin, 1788)

Colpocephalum zerafae

Grey Goshawk

A. cirrhocephalus (Vieillot, 1817)

Craspedorrhynchus sp.

Collared Sparrowhawk

Genus **Haliaeetus** Savigny, 1809

H. leucogaster (Gmelin, 1788)

Craspedorrhynchus sp.

White-bellied Sea-Eagle

Genus **Aquila** Brisson, 1760

A. audax (Latham, 1801)

Colpocephalum impressum

Craspedorrhynchus sp.

Falcolipeurus suturalis

Wedge-tailed Eagle

Genus **Circus** Lacépède, 1799

C. approximans Peale, 1848

Nosopon lucidum

Degeeriella fusca

Laemobothrion maximum

Swamp Harrier

Family FALCONIDAE

Genus **Falco** Linnaeus, 1758

F. berigora Vigors & Horsfield, 1827

Brown Falcon

Colpocephalum berigorae
Craspedorrhynchus sp.
Degeeriella rufa

Order GALLIFORMES

Family PHASIANIDAE

Genus **Coturnix** Bonnatere, 1791

C. ypsilophora Bosc, 1792

Brown Quail

Menacanthus sp.
Cuclotogaster synoicus
Goniodes retractus

Genus **Pavo** Linnaeus, 1758

P. cristatus Linnaeus, 1758

Common Peafowl

Amyrsidea minuta
Goniodes pavonis

Order GRUIFORMES

Family TURNICIDAE

Genus **Turnix** Bonnatere, 1791

T. varia (Latham, 1801)

Painted Button-Quail

Turnicola sp.

Family RALLIDAE

Genus **Dryolimnas** Sharpe, 1893

D. pectoralis (Temminck, 1831)

Lewin's Rail

Pseudomenopon scopulacorne
Rallicola ortygometrae affinis

Genus **Porzana** Vieillot, 1816

P. tabuensis (Gmelin, 1789)

Spotless Crake

Pseudomenopon sp.
Fulicoffula sp.
Rallicola tabuensis

Genus **Gallinula** Brisson, 1760

G. mortierii (Dubois 1840)

Tasmanian Native-Hen

Pseudomenopon phoenicuri
Fulicoffula sp.
Rallicola campbelli
Rallicola mortieri

Genus **Porphyrio** Brisson, 1760

P. porphyrio (Linnaeus, 1758)

Purple Swampphen

Pseudomenopon concretum
Rallicola lugens

Genus **Fulica** Linnaeus, 1758

F. atra Linnaeus, 1758

Eurasian Coot

Pseudomenopon pilosum
Fulicoffula lurida
Incidifrons fulicae
Rallicola fulicae

Order CHARADRIIFORMES

Family HAEMATOPODIDAE

Genus **Haematopus** Linnaeus, 1758

H. longirostris Vieillot, 1817

Pied Oystercatcher

Actornithophilus grandiceps
Quadriceps auratus
Quadriceps ridgwayi
Saemundssonia haematopi

H. fuliginosus Gould, 1845

Sooty Oystercatcher

Actornithophilus grandiceps
Quadriceps auratus
Quadriceps ridgwayi
Saemundssonia haematopi

Family CHARADRIIDAE

Genus **Vanellus** Brisson, 1760

V. miles (Boddaert, 1783)

Masked Lapwing

Actornithophilus hoplopteri
Austromenopon aegialitidis
Quadriceps renschi
Saemundssonia africana sycophanta

Genus **Charadrius** Linnaeus, 1758

- C. rubricollis** Gmelin, 1789 Hooded Plover
Quadriceps cucullatus
Quadriceps rubricollis
- C. bicinctus** Jardine & Selby, 1827 Double-banded Plover
Saemundssonina platygaster
- C. ruficapillus** Temminck, 1821 Red-capped Plover
Quadriceps macrocephalus

Genus **Calidris** Merrem, 1804

- C. ruficollis** (Pallas, 1776) Red-necked Stint
Actornithophilus umbrinus
Luniceps sp.
Carduiceps zonarius
- C. ferruginea** (Pontoppidan, 1763) Curlew Sandpiper
Luniceps sp.

Family LARIDAE

Genus **Larus** Linnaeus, 1758

- L. novaehollandiae** Stephens, 1826 Silver Gull
Actornithophilus piceus
Austromenopon transversum
Saemundssonina lari
- L. pacificus** Latham, 1801 Pacific Gull
Saemundssonina lari

Genus **Sterna** Linnaeus, 1758

- S. striata** Gmelin, 1789 White-fronted Tern
Austromenopon atrofulvum
Quadriceps sellatus
Saemundssonina sterna
- S. bergii** Lichtenstein, 1823 Crested Tern
Austromenopon atrofulvum
Quadriceps sellatus
Saemundssonina laticaudata

Order COLUMBIFORMES

Family COLUMBIDAE

Genus **Streptopelia** Bonaparte, 1855

S. chinensis (Scopoli, 1786)
Coloceras chinense

Spotted Turtle-Dove

Genus **Phaps** Selby, 1835

P. chalcoptera (Latham, 1790)
Coloceras sp.
Columbicola tasmaniensis
Physconelloides australiensis

Common Bronzewing

P. elegans (Temminck, 1810)
Coloceras sp.
Columbicola tasmaniensis
Physconelloides australiensis
Saussurites flavus elegans

Brush Bronzewing

Genus **Columba** Linnaeus, 1758

C. livia Gmelin, 1789
Columbicola columbae

Feral Pigeon

Order PSITTACIFORMES

Family CACATUIDAE

Genus **Calyptorhynchus** Desmarest, 1826

C. funereus (Shaw, 1794)
Franciscoloa funerei
Neopsittaconirmus borgiolii
Psittoecus mollisoni

Yellow-tailed Black Cockatoo

Genus **Cacatua** Vieillot, 1817

C. galerita (Latham, 1790)
Franciscoloa pallida
Neopsittaconirmus albus
Psittoecus vanzolinii

Sulphur-crested Cockatoo

Family LORIIDAE

Genus **Glossopsitta** Bonaparte, 1854**G. concinna** (Shaw, 1791)

Musk Lorikeet

Eomenopon concinnae
Psittaconirmus australis

Family PLATYCERCIDAE

Genus **Lathamus** Lesson, 1830**L. discolor** (Shaw, 1790)

Swift Parrot

Eomenopon sp.
*Forficuloecus forficula*Genus **Platycercus** Vigors, 1826**P. caledonicus** (Gmelin, 1788)

Green Rosella

Heteromenopon (Keamenopon) psittacum
Forficuloecus forficula
*Neopsittaconirmus circumfasciatus***P. eximius** (Shaw, 1792)

White-cheeked Rosella

*Heteromenopon (Keamenopon) psittacum*Genus **Neophema** Salvadori, 1891**N. chrysostoma** (Kuhl, 1820)

Blue-winged Parrot

Forficuloecus greeni

Order CUCULIFORMES

Family CUCULIDAE

Genus **Cuculus** Linnaeus, 1758**C. pallidus** (Latham, 1801)

Pallid Cuckoo

Cuculicola sp.
Cuculiphilus fasciatus
Cuculoecus sp.Genus **Chrysococcyx** Boie, 1826**C. flabelliformis** (Latham, 1801)

Fan-tailed Cuckoo

Cuculicola sp.**C. lucidus** (Gmelin, 1788)

Shining Bronze-Cuckoo

Cuculicola sp.
Cuculoecus sp.

Order STRIGIFORMES

Family STRIGIDAE

Genus **Ninox** Hodgson, 1837

N. boobook (Latham, 1801)

Kurodaia cryptostigmatia
Strigiphilus vapidus

Southern Boobook

Family TYTONIDAE

Genus **Tyto** Billberg, 1828

T. alba (Scopoli, 1769)

Strigiphilus aitkeni

Barn Owl

T. novaehollandiae (Stephens, 1826)

Kurodaia subpachygaster
Strigiphilus aitkeni

Masked Owl

Order CAPRIMULGIFORMES

Family PODARGIDAE

Genus **Podargus** Vieillot, 1818

P. strigoides (Latham, 1801)

Podargoecus strigoides

Tawny Frogmouth

Family AEGOTHELIDAE

Genus **Aegotheles** Vigors & Horsfield, 1826

A. cristatus (J. White, 1790)

Podargoecus tasmaniensis

Australian Owlet-Nightjar

Order CORACIIFORMES

Family ALCEDINIDAE

Genus **Dacelo** Leach, 1815

D. novaeguineae (Hermann, 1783)

Alcedoecus delphax

Laughing Kookaburra

Order PASSERIFORMES**Family ALAUDIDAE**Genus ***Alauda*** Linnaeus, 1758***A. arvensis*** Linnaeus, 1758*Brueelia* sp.

Skylark

Family HIRUNDINIDAEGenus ***Hirundo*** Linnaeus, 1758***H. neoxena*** Gould, 1842*Philopterus* sp.

Welcome Swallow

Genus ***Cecropis*** Boie, 1826***C. nigricans*** (Vieillot, 1817)*Machaerilaemus malleus*

Tree Martin

Family MOTACILLIDAEGenus ***Anthus*** Bechstein, 1807***A. novaeseelandiae*** (Gmelin, 1789)*Philopterus* sp.

Richard's Pipit

Family CAMPEPHAGIDAEGenus ***Coracina*** Vieillot, 1816***C. novaehollandiae*** (Gmelin, 1789)*Myrsidea* sp.*Philopterus* sp.

Black-faced Cuckoo-Shrike

Family MUSCICAPIDAEGenus ***Zoothera*** Vigors, 1832***Z. dauma*** (Latham, 1790)*Myrsidea* sp.*Brueelia dauma**Philopterus* sp.

White's Thrush

Genus **Turdus** Linnaeus, 1758**T. merula** Linnaeus, 1758

Blackbird

Menacanthus eurysternus
Philopterus sp.

Genus **Melanodryas** Gould, 1865**M. vittata** (Quoy & Gaimard, 1830)

Dusky Robin

Menacanthus eurysternus
Brueelia sp.

Genus **Pachycephala** Vigors, 1825**P. olivacea** Vigors & Horsfield, 1827

Olive Whistler

Menacanthus eurysternus
Myrsidea sp.
Brueelia sp.

P. pectoralis (Latham, 1801)

Golden Whistler

Myrsidea pachycephalae
Brueelia sp.

Genus **Colluricincla** Vigors & Horsfield, 1827**C. harmonica** (Latham, 1801)

Grey Shrike-Thrush

Menacanthus eurysternus
Myrsidea sp.
Brueelia sp.
Philopterus sp.

Genus **Rhipidura** Vigors & Horsfield, 1827**R. fuliginosa** (Sparrman, 1789)

Grey Fantail

Ricinus mugimaki

Genus **Petroica** Swainson, 1829**P. phoenicea** Gould, 1837

Flame Robin

Ricinus sp.
Philopterus sp.

Family **ORTHONYCHIDAE**Genus **Cinclosoma** Vigors & Hosrfield, 1827**C. punctatum** (Shaw, 1795)

Spotted Quail-Thrush

Brueelia sp.
Philopterus sp.

Family PARDALOTIDAE

Genus **Pardalotus** Vieillot, 1816

P. punctatus (Shaw, 1792)

Myrsidea sp.
Philopterus sp.

Spotted Pardalote

Family MALURIDAE

Genus **Malurus** Vieillot, 1816

M. cyaneus (Ellis, 1782)

Myrsidea strangeri
Brueelia sp.
Philopterus sp.

Superb Fairy-Wren

Family ACANTHIZIDAE

Genus **Acanthiza** Vigors & Horsfield, 1827

A. pusilla (Shaw, 1790)

Myrsidea sp.

Brown Thornbill

A. ewingii Gould, 1844

Myrsidea sp.
Ricinus mollisoni

Tasmanian Thornbill

Genus **Sericornis** Gould, 1838

S. magnus (Gould, 1855)

Menacanthus sp.

Scrub Tit

Family ZOSTEROPIDAE

Genus **Zosterops** Vigors & Horsfield, 1827

Z. lateralis (Latham, 1801)

Menacanthus eurysternus

Silvereye

Family MELIPHAGIDAE

Genus **Anthochaera** Vigors & Horsfield, 1827

A. paradoxa (Daudin, 1800)

Brueelia sp.
Philopterus sp.

Yellow Wattlebird

Genus **Manorina** Vieillot, 1818

M. melanocephala (Latham, 1801)

Noisy Miner

Myrsidea sp.
Brueelia sp.
Philopterus sp.

Genus **Lichenostomus** Cabanis, 1851

L. flavicollis (Vieillot, 1817)

Yellow-throated Honeyeater

Myrsidea sp.
Ricinus sp.
Philopterus sp.

Genus **Melithreptus** Vieillot, 1816

M. validirostris (Gould, 1837)

Strong-billed Honeyeater

Menacanthus sp.
Myrsidea sp.
Brueelia sp.
Philopterus sp.

M. affinis (Lesson, 1839)

Black-headed Honeyeater

Myrsidea sp.
Brueelia sp.
Philopterus sp.

Genus **Phylidonyris** Lesson, 1830

P. novaehollandiae (Latham, 1790)

New Holland Honeyeater

Menacanthus eurysternus
Myrsidea sp.
Brueelia sp.
Philopterus sp.

P. pyrrhoptera (Latham, 1801)

Crescent Honeyeater

Philopterus sp.

Family PLOCEIDAE

Genus **Emblema** Gould, 1842

E. bella (Latham, 1801)

Beautiful Firetail

Myrsidea sp.
Brueelia sp.

Family STURNIDAE

Genus **Sturnus** Linnaeus, 1758**S. vulgaris** Linnaeus, 1758

Common Starling

*Menacanthus eurysternus**Brueelia nebulosa**Sturnidoecus sturni*

Family ARTAMIDAE

Genus **Artamus** Vieillot, 1816**A. cyanopterus** (Latham, 1801)

Dusky Woodswallow

Menacanthus nelsoni

Family CRACTICIDAE

Genus **Strepera** Lesson, 1830**S. fuliginosa** (Gould, 1837)

Black Currawong

Myrsidea sp.*Brueelia* sp.*Philopterus* sp.**S. versicolor** (Latham, 1801)

Grey Currawong

Brueelia sp.*Philopterus* sp.

Family CORVIDAE

Genus **Corvus** Linnaeus, 1758**C. tasmanicus** Mathews, 1912

Forest Raven

*Colpocephalum fregili**Menacanthus gonophaeus**Myrsidea australiensis**Philopterus* sp.**C. mellori** Mathews, 1912

Little Raven

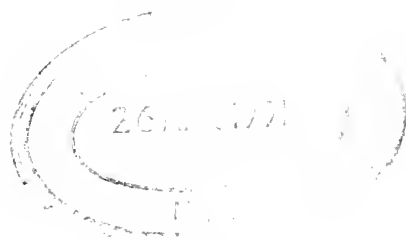
Myrsidea australiensis

* * * * *

REFERENCES

- CLAY, T. (1973). The species groups of *Pectinopygus* (Phthiraptera: Philopteridae). *Bulletin of the British Museum (Natural History) Entomology* 29(4): 201-223, pls 1-3.
- (1974). *Latumcephalum* (Boopidae: Phthiraptera: Insecta). *Records of the Queen Victoria Museum* No. 53: 1-2.
- (1976). The *spinosa* species-group, genus *Boopia* Piaget (Phthiraptera: Boopidae). *Journal of the Australian Entomological Society* 15(3): 333-338.
- (1977). The *Strigiphilus cursitans* group (Phthiraptera: Insecta). *Records of the Queen Victoria Museum* No. 56: 1-4.
- EMERSON, K.C. & PRICE, R.D. (1981). A host-parasite list of the Mallophaga on mammals. *Miscellaneous Publications of the Entomological Society of America* 12(1): 1-72.
- (1985). The identity of *Quadriceps crassipetalis* (Harrison) and two new species of *Quadriceps* (Mallophaga: Philopteridae). *Proceedings of the Entomological Society of Washington* 87(2): 395-401.
- GREEN, R.H. (1989). *Birds of Tasmania - An annotated checklist with photographs*. Rev. Third Edition. Launceston, Potoroo Publishing; xvi + 84 p.
- GREEN, R.H. & MUNDAY, B.L. (1971). Parasites of Tasmanian native and feral fauna. Part 1, Arthropoda. *Records of the Queen Victoria Museum* No. 41: 1-16.
- GUIMARÃES, L.R. (1974). Ischnocera (Mallophaga) infesting parrots (Psittaciformes). II. Genera *Psittocus* Conci, 1942, and *Forficuloeus* Conci 1941. *Papéis Avulsos de Zoologia, São Paulo* 28(9): 163-180.
- (1985). Ischnocera (Mallophaga) infesting parrots (Psittaciformes). V. Four new species of *Forficuloeus* Conci, 1941 (Philopteridae) from the South Pacific. *Papéis Avulsos de Zoologia, São Paulo* 36(5): 41-49.
- JOHNSTON, T.H. & HARRISON, L. (1913). A note on Australian pediculids. *Proceedings of the Royal Society of Queensland* 24: 105-109.
- KELER, S. von (1971). A revision of the Australasian Boopiidae (Insecta: Phthiraptera), with notes on the Trimenoponidae. *Australian Journal of Zoology, Supplement* No. 6: 1-126.
- KLOCKENHOFF, H. (1971). *Myrsidea australiensis*, n. sp., eine neue Mallophagenart von *Corvus coronoides* und *bennetti*. *Bonner Zoologische Beiträge* 22 (3/4): 297-304.
- PALMA, R.L. & KLOCKENHOFF, H. (1988). A new species of *Myrsidea* (Phthiraptera: Menoponidae) from *Pachycephala pectoralis* (Aves: Passeriformes). *New Zealand Journal of Zoology* 15(4): 447-562.
- PALMA, R.L. & PILGRIM, R.L.C. (1983). The genus *Bedfordiella* (Mallophaga: Philopteridae) and a note on the lice from the Kerguelen Petrel (*Pterodroma brevirostris*). *National Museum of New Zealand Records* 2(13): 145-150.
- (1984). A revision of the genus *Harrisoniella* (Mallophaga: Philopteridae). *New Zealand Journal of Zoology* 11(2): 145-166.
- (1988). A revision of the genus *Perineus* (Phthiraptera: Philopteridae). *New Zealand Journal of Zoology* 14(4): 563-586.
- PRICE, R.D. (1974). A review of the genus *Pseudomenopon* (Mallophaga: Menoponidae). *Annals of the Entomological Society of America* 67(1): 73-84.

- (1976a). A new species of *Podargoeus* (Mallophaga: Philopteridae) from Tasmania. *Proceedings of the Entomological Society of Washington* 78(3): 274-276.
- (1976b). Two new species of *Menacanthus* (Mallophaga: Menoponidae) from Wood-swallows (Passeriformes: Artamidae). *Proceedings of the Entomological Society of Washington* 78(4): 447-450.
- PRICE, R.D. & BEER, J.R. (1966). A review of the genus *Franciscoloa* Conci (Mallophaga: Menoponidae). *Pacific Insects* 8(3): 633-648.
- (1967). The genus *Heteromenopon* (Mallophaga: Menoponidae), with description of a new subgenus and six new species. *Annals of the Entomological Society of America* 60 (2): 328-338.
- PRICE, R.D. & EMERSON, K.C. (1982). A new species of *Eomenopon* (Mallophaga: Menoponidae) from Tasmania. *Pacific Insects* 24(2): 189-191.
- RHEINWALD, G. (1968). Die Mallophagengattung *Ricinus* De Geer, 1778 - Revision der ausseramerikanischen Arten. *Mitteilungen aus den Hamburgischen Zoologischen Museum und Institut* 65: 181-326.
- TENDEIRO, J. (1967). Etudes sur les Mallophages clés pour le genre *Columbicola* Ewing, 1929. Observations additionelles, avec description de quatre espèces et une sousespèces nouvelles. *Revista dos Estudos Gerais Universitarios de Moçambique (Série 4)* 4: 71-194.
- (1969). Estudos sobre os Gonodídeos (Mallophaga, Ischnocera) dos Columbiformes. II - Descrição de uma nova espécie do genero *Physconelloides* Ewing, 1927: *Ph. australiensis* n. sp., parasita da *Phaps ch. chalcopetra* (Latham). *Revista de Ciências Veterinárias (Lourenço Marques) (Série A)* 2: 313-331.
- (1978). Estudos sobre os Gonodídeos (Mallophaga, Ischnocera) dos Columbiformes. XVII - Novas observações sobre os géneros *Campanulotes* Kéler, *Saussurites* Tendeiro e *Stephanus* Tendeiro. *Garcia de Orta (Lisboa) (Série Zoologia)* 7 (1-2): 115-124.
- (1988). Etudes sur les *Colpocephalum* (Mallophaga, Menoponidae) parasites des Falconiformes I. Groupe *zerafae* Price & Beer. *Bonner Zoologische Beiträge* 39(2/3): 77-102.
- THOMPSON, G.B. (1940). The distribution of *Heterodoxus spiniger* (Enderlein). *Papers and Proceedings of the Royal Society of Tasmania*. 1939: 27-31.
- TIMMERMANN, G. (1964) Gruppen-Revisionen bei Mallophagen. VII. Die *Pectinopygus*-Arten der Grosskormorane (Gen. *Phalacrocorax* Brisson, 1760 s. str.). *Mitteilungen aus den Hamburgischen Zoologischen Museum und Institut, Kosswig-Festschrift*: 271-284.
- (1977). Mallophagologische Kollektaneen. 3. *Bonner Zoologische Beiträge* 28 (1/2): 135-140.



100 -